

Soldiers on point for the Nation...

... to conserve the fighting strength



Medical Reengineering
Initiative
Information Briefing
Association of Military
Surgeons of the United
States

19 November 2003



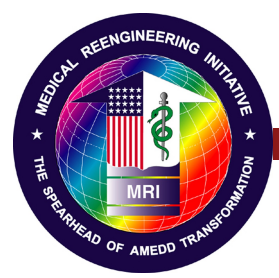
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Purpos e

To provide background information on the Medical Reengineering Initiative (MRI) and a status update of the MRI Program and its progress toward completion.



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Briefing Sequence

- Background
- MRI Program Office
- MRI and Army Transformation
- MRI Force Structure
- Hospital Acceleration Programs
- MRI Current Conversion Status
- Future Transformation Initiatives



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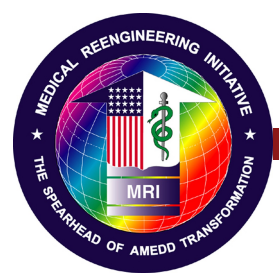


Description...MRI *...to conserve the fighting strength*

- A reorganization of the Echelons Above Division and Echelons Above Corps deployable medical units consisting of the following medical functions:

- ✓ Hospitalization
- ✓ Specialty Augmentation
- ✓ Command and Control
 - ✓ Dental
- ✓ Medical Logistics
- ✓ Preventive Medicine
- ✓ Combat Stress Control
- ✓ Area Medical Support
 - ✓ Veterinary
 - ✓ Evacuation
 - ✓ Laboratory

MRI pertains to the:
Active Army
Army National Guard
Army Reserve



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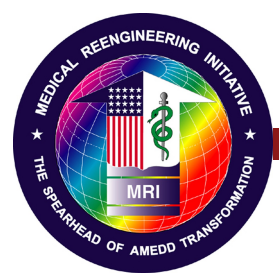
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Medical Reengineering Initiative Program Implementation Office (MRI-PIO)

Mission

To provide Department of the Army oversight to the process of converting the deployable medical force structure from the current Medical Force 2000 (MF2K) configuration to the new MRI Force Design Update (FDU), and to manage this conversion process in a manner that minimizes turbulence within the units, while maintaining unit readiness.

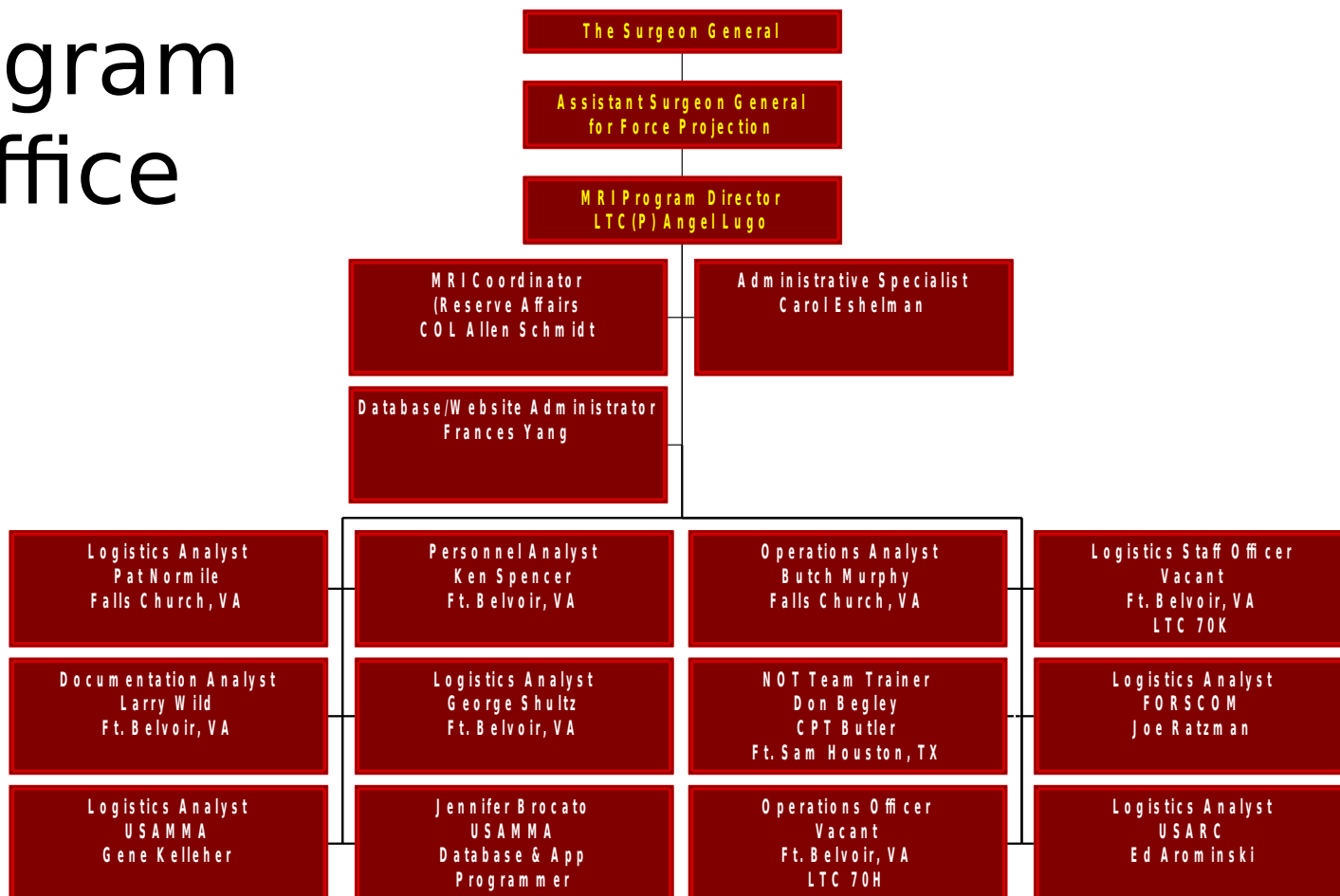


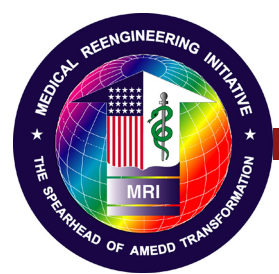
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MRI Program Office





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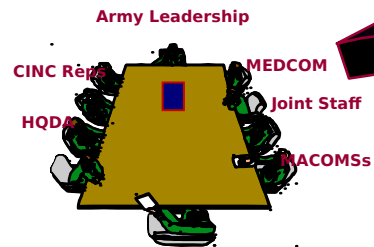


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MANNING THE FORCE

**PROGRAM
DIRECTOR'S
CHARTER**

EQUIPPING THE FORCE



COORDINATION

**COMBAT
HEALTH
SUPPORT
T
MRI**



OVERSIGHT

**TRAINING THE
FORCE**



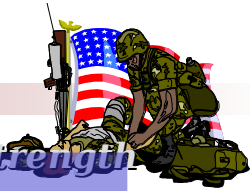
SUSTAINING THE FORCE

INTEGRATION

MRIPIO => <http://mrmedforce.belvoir.army.mil>



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What Does MRI Do for AMEDD Transformation?

IMPROVES MODULARITY

**PROVIDES SCALABLE
CAPABILITY PACKAGES**

**ENABLES
SPLIT-BASED OPERATIONS**

**REORGANIZES
EAD/EAC
DEPLOYABLE
MEDICAL UNITS**

**PROVIDES
MANNING FOR
IM/IT ENABLERS**

**REDUCES
THEATER MEDICAL
FOOTPRINT**



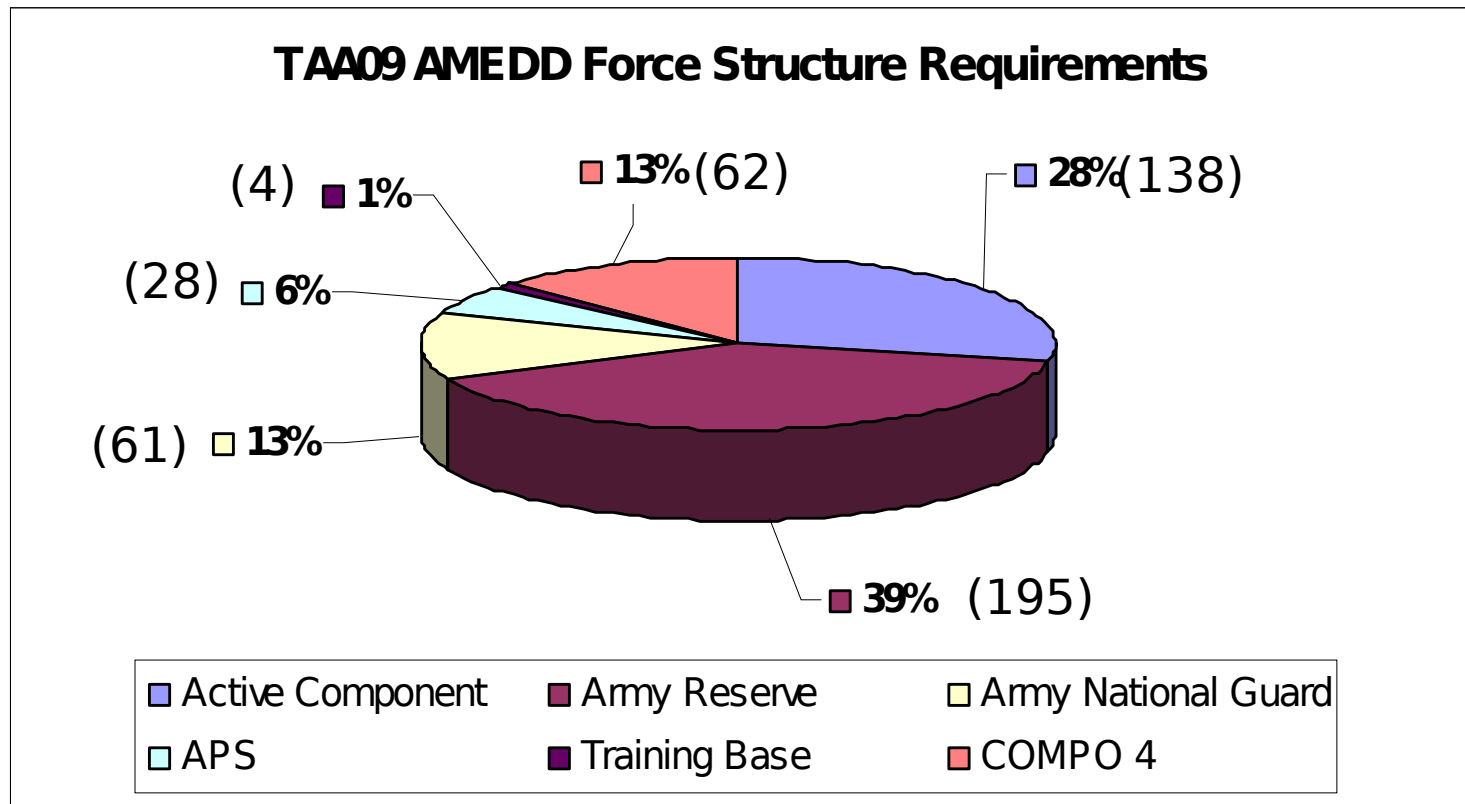


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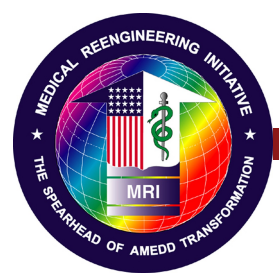


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The MRI Total Force



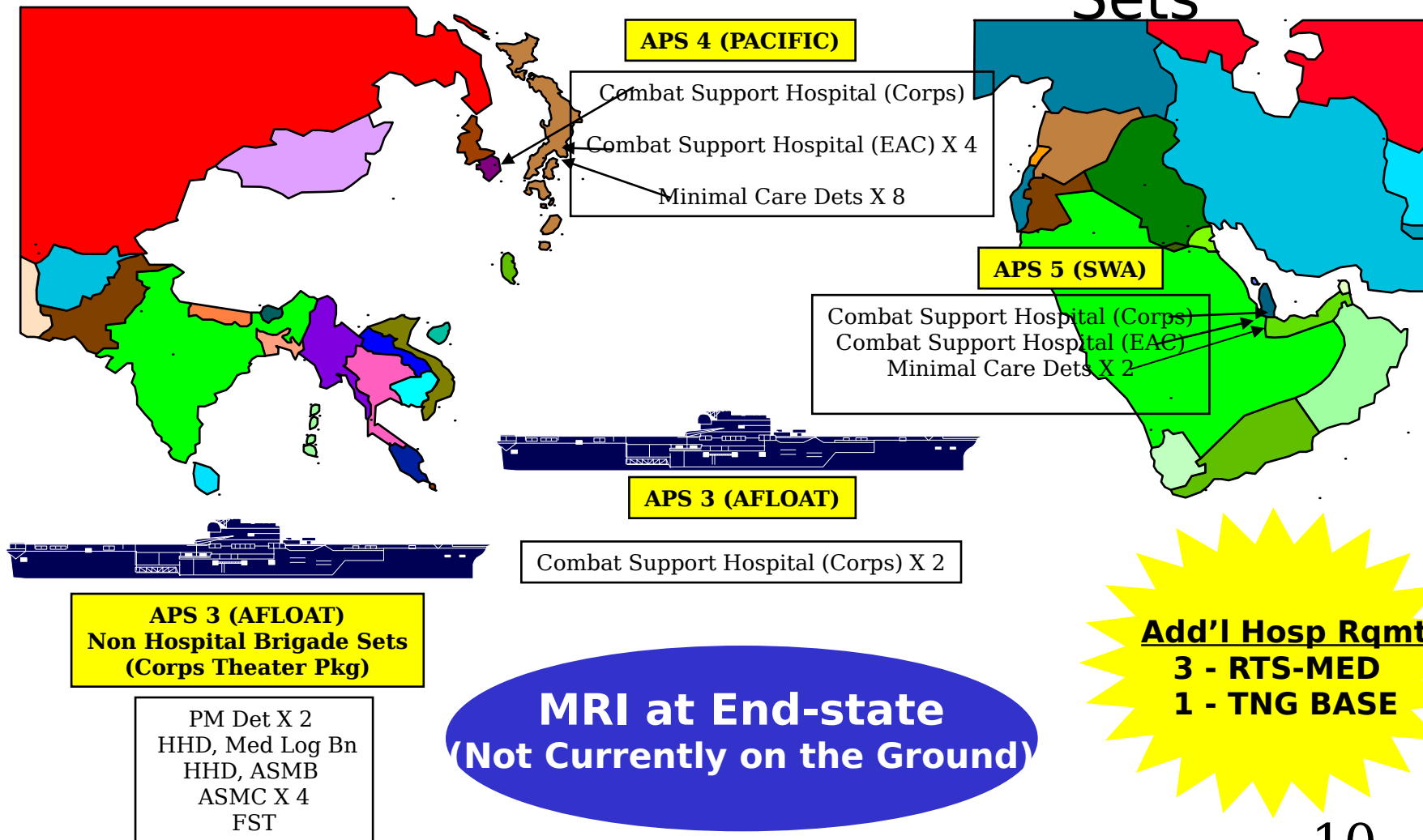
AMEDD Total Requirement = 486 Planned AMEDD Force (COMPO 1,2,3) = 394 Planned + APS + Trng Base = 426

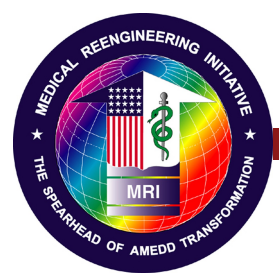


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Prepositioned Equipment Sets





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MRI End State By Component

	Active	ARNG	AR	Multi-COMPO	Total
CSH (Corps)	8	0	15	*4(2AC/2AR)	23
CSH (EAC)	4	0	10	0	14
Hosp Aug Tms	31	0	68	0	99
Evacuation	22	21	10	0	53
Area Spt Med	19	40	0	0	59
Area Dental Co	6	0	11	*2 (1AC/1AR)	17
Prev Med Det	14	0	26	0	40
Area Med Lab	2	0	1	0	3
Veterinary	8	0	12	0	20
Cbt Stress Det	4	0	8	0	12
Medical Logistics	15	0	20	*1 (AC)	35
C4	5	0	14	*2 (1AC/1AR)	19
TOTALS:	138	61	195		394

*Counted in Respective Component

Source: TAA09



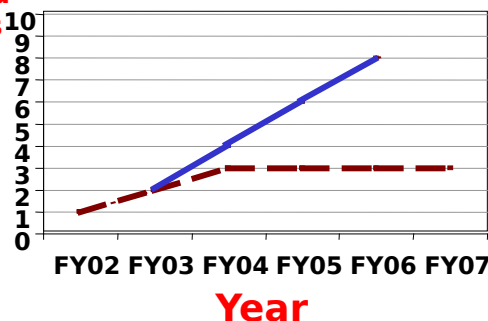
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Hospital Optimization & Standardization Program (HOSP)

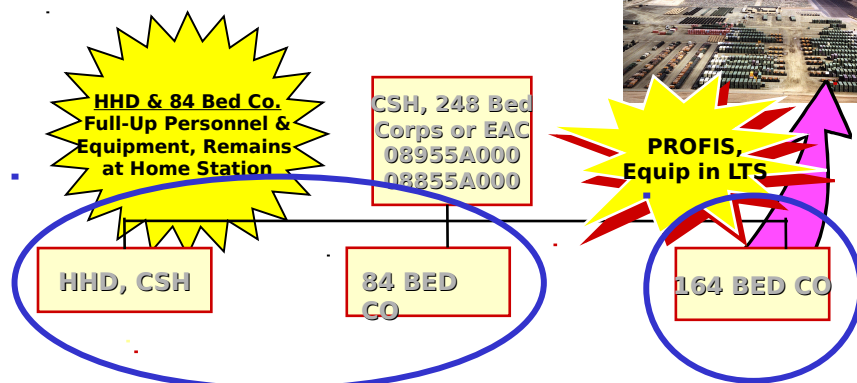
... to conserve the ~~big~~ **Accepts Risk In Modernization of 164 Bed Co.**

**MRI
Converted
Hospitals**

FORSCOM *



The HOSP Concept



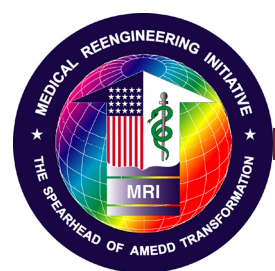
The Schedule

FORSCOM	FY2002	FY2003	FY2004	FY2005	FY2006
CSH (Corps)	21st CSH Ft Hood, TX	21st CSH Ft Hood, TX	10th CSH Ft Carson, CO	28th CSH Ft Bragg, NC	86th CSH Ft Campbell, KY
		31st CSH Ft Bliss, TX	47th CSH Ft Lewis, WA		
CSH (EAC)				14th FLD Ft Benning, GA	249th Gen Ft Gordon, GA
					115th FLD Ft Polk, LA
Minimal Care Dets			MCD Ft Bliss, TX	3 X MCD Ft Anywhere, USA	3 X MCD Ft Anywhere, USA
Original FDC Medical Slice					
21st CSH converts to HOSP staffing/equipment levels, converted in FY02 to "full-up" MRI CSH					

The Value Added

**Accelerates
Efficiencies**

- Value to Army Transformation
 - Accelerates conversion to MRI Structure/Force Design
 - Organizes & equips standardized hospital capability for FC missions & training
 - Reduces unit maintenance burden
 - Increases readiness
 - Allows AMEDD CL VIII dollars to be stretched
 - Responds to Interim Force needs
 - Eliminates Care Taker Hospitals



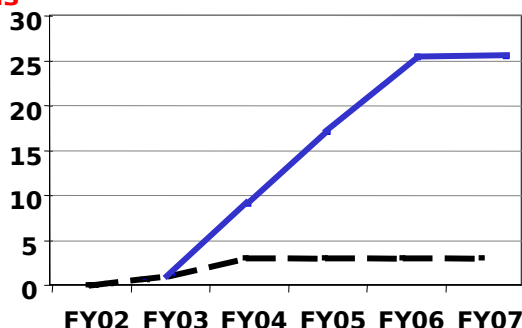
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Army Reserve Hospital Acceleration *...to conserve the fighting strength*

**MRI
Converted
Hospitals**

ARMY RESERVE



**COMPLETED
FY06**

— AR Cmd Plan
— AR Previous
Cmd Plan

**Risk in
modernization**

Year

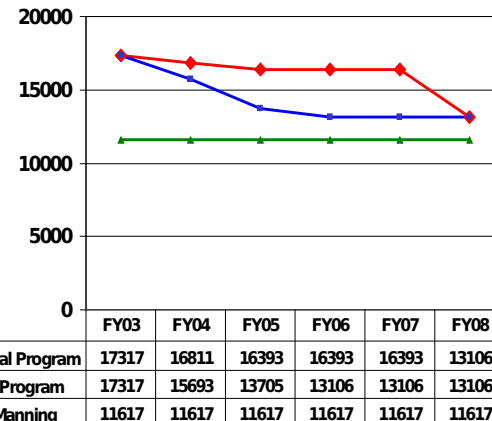
ORIGINAL PROGRAM =

- ✓ DIFFICULT RECRUITING
- ✓ INCREASED 91W REQ
- ✓ INCREASED TRNG COSTS
- ✓ LOWER ASGND STR %
- ✓ NO MC4 SPT

ACCEL PROGRAM =

- ✓ IMPROVED MANNING
- ✓ IMPROVED READINESS
- ✓ LOWER 91W REQ
- ✓ HIGHER ASGND STR %

Personnel

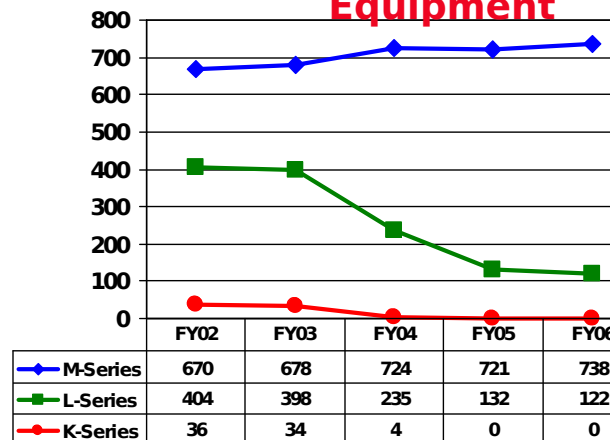


Personnel

CATEGORY	ASSIGNED			MF2K AUTH	MRI AUTH	MF2K / MRI ASSG %
	TPU	*PROFIS	TOTAL			
MEDICAL CORPS						
TOTALS	610	88	698	878	625	79% / 111%
61J (GEN SURGEON)	125	0	125	198	125	63% / 100%
61M (ORTHO SURGEON)	39	5	44	94	50	47% / 88%
NURSE CORPS						
TOTALS	2,102	98	2,200	3,476	2,753	63% / 80%
66E (OR NURSE)	215	5	220	344	300	64% / 73%
66F (NURSE ANESTHETIST)	202	0	202	307	275	66% / 73%
66H8A (CRITICAL CARE NURSE)	423	0	423	868	258	49% / 164%
AMEDD ENLISTED						
TOTALS	6,525	858	7,383	11,091	7,173	67% / 103%
91D (OR TECH)	651	113	764	933	685	82% / 112%
91K (LAB TECH)	243	95	338	604	400	56% / 85%
91V (RESPIRATORY TECH)	201	0	201	482	165	42% / 122%
91WM6 (PRACTICAL NURSE)	1,132	0	1,132	3,527	1,545	32% / 73%
91W (HEALTH CARE SP) (TOTAL)	3,672	250	3,922	6,215	3,978	63% / 99%

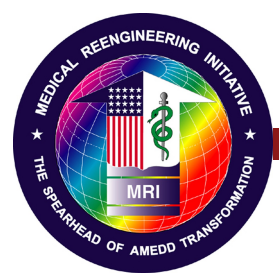
Req = Auth in AR

Equipment



**Accel Program
Improves Average
Age of RCHD MMSs!**

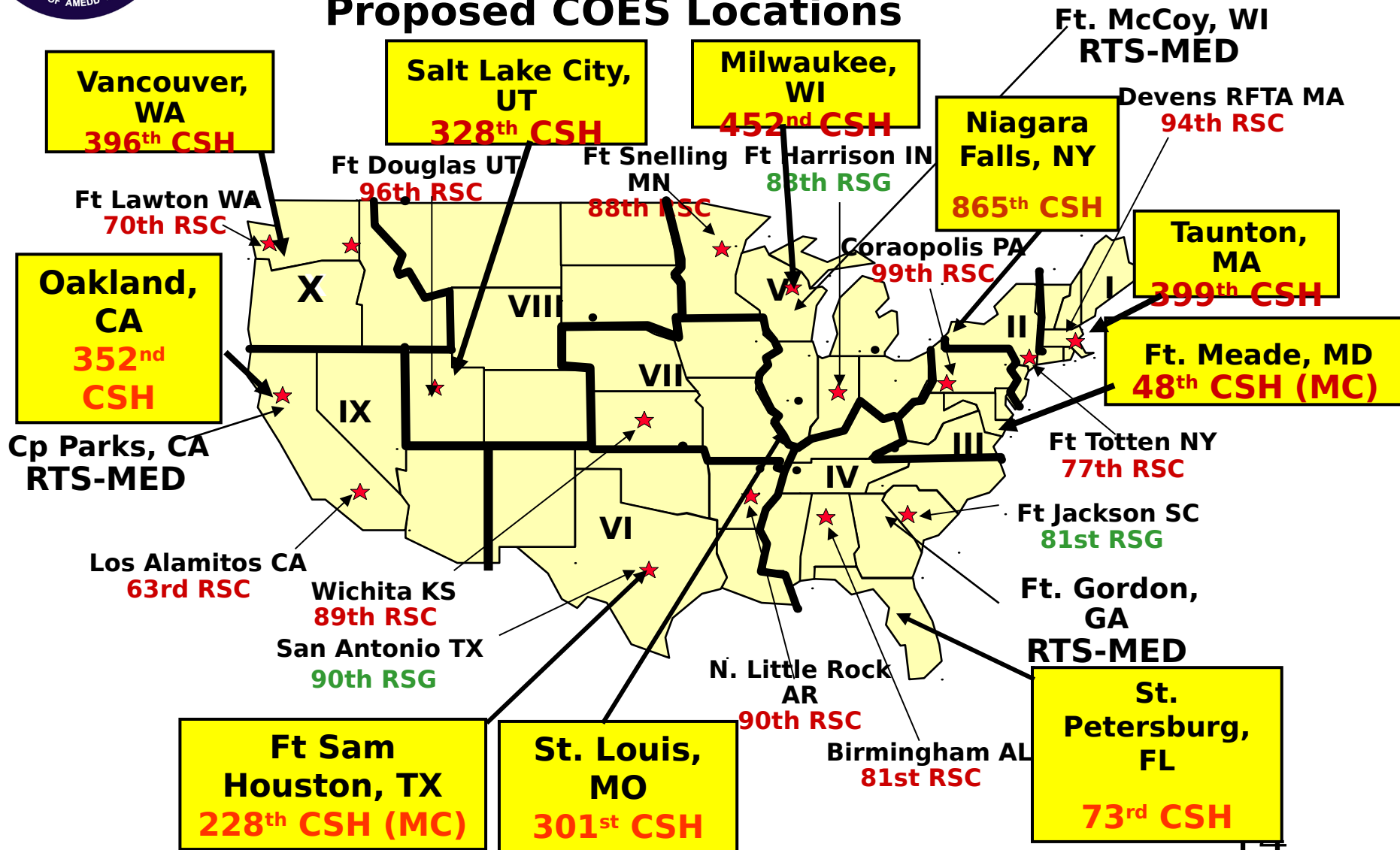
**DEPMEDS Database
Years**
M-series: 1990 +
L-series: 1987 - 1989
K-series: 1986

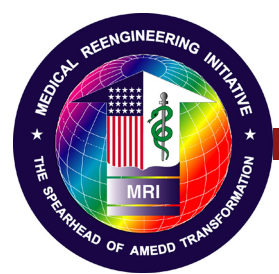


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Army Reserve Headquarters and Proposed COES Locations



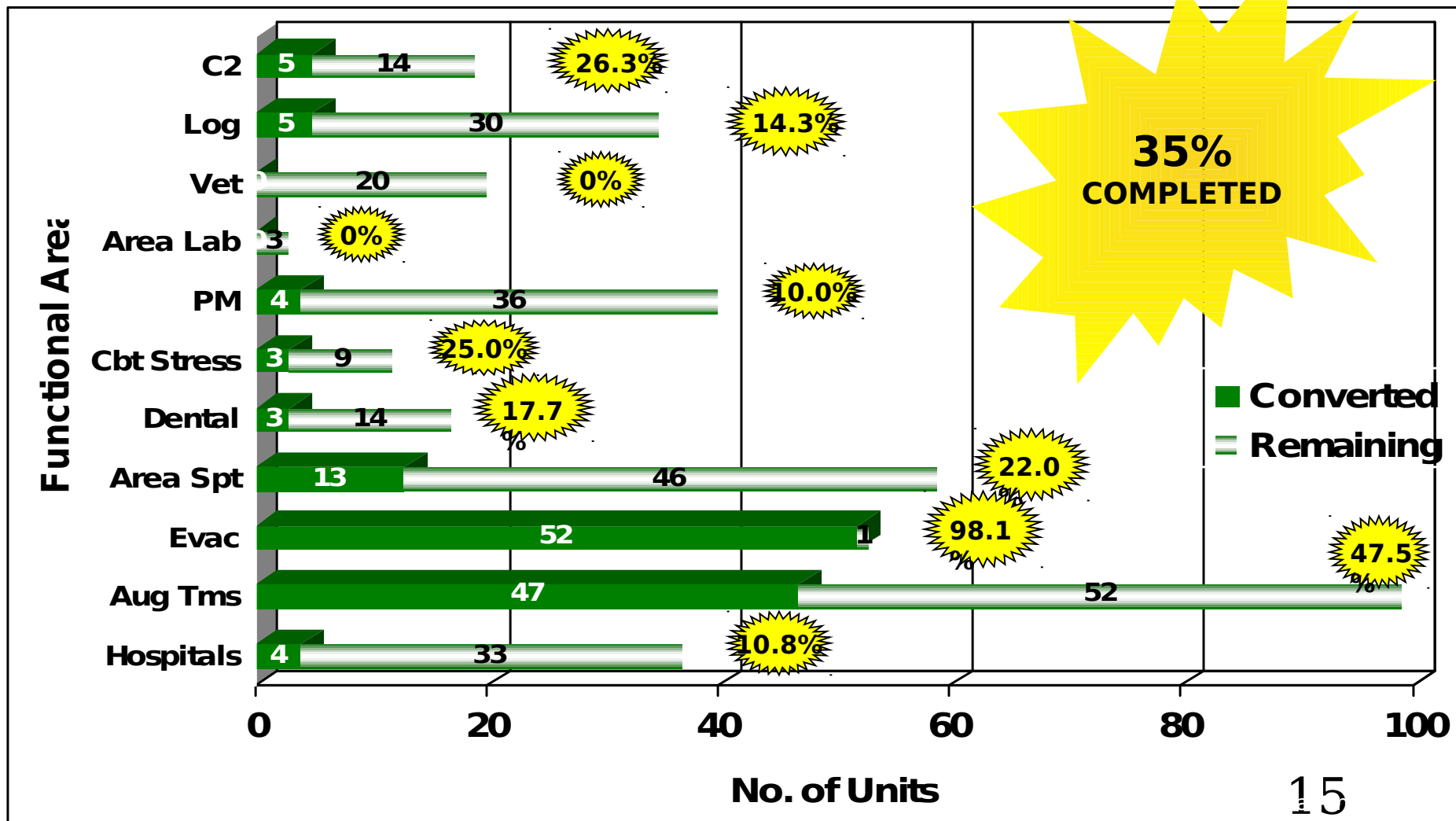


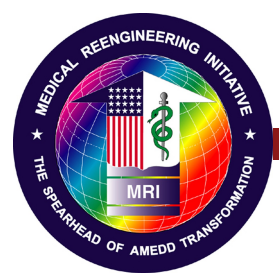
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MRI Conversion Status As of 16 October 2003



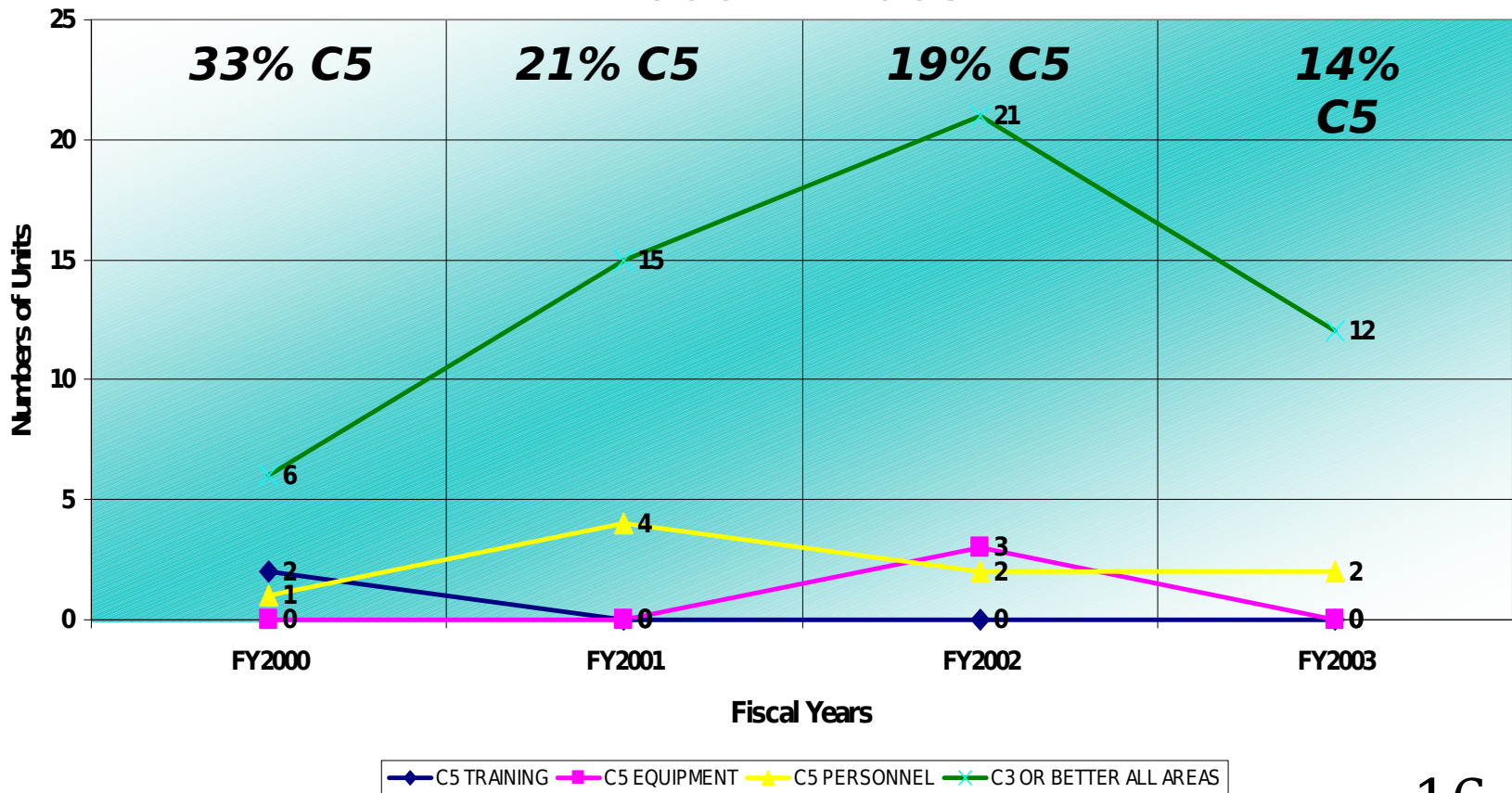


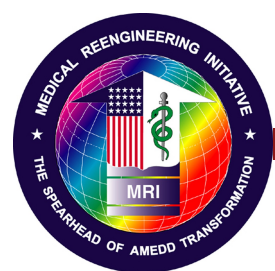
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Trends in MRI Activations/Conversions FY2000-FY2003





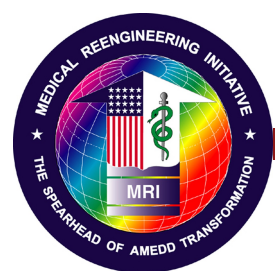
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MRI Actions FY2004

SRC	UIC	EDATE	UNMBR	ULCCC	UNTDS	STNNM	LOCCOASGMT	
CONVERSIONS								
08429A000	WTTQAA	20040916	0988	DET	PREVENTIVE MEDICINE	AUSTIN	5TX	AR
08429A000	WWAAAA	20040916	0787	DET	PREVENTIVE MEDICINE	N ORLEANS	5LA	AR
08429A000	WWFAAA	20040916	0792	DET	PREVENTIVE MEDICINE	LUBBOCK	5TX	AR
08527AA00	WZJ KAA	20040916	1895	TM	HEAD & NECK HOSP AUG	OAKLAND	5CA	AR
08527AA00	WZJ RAA	20040916	1872	TM	HEAD & NECK HOSP AUG	GARDN GRV	5CA	AR
08955A000	WSA6AA	20040916	0399	HSP	COMBAT SPT (CORPS)	TAUNTON	1MA	AR
08955A000	WSCLAA	20040916	0452	HSP	COMBAT SPT (CORPS)	MILWAUKEE	1WI	AR
08955A000	WNBKAA	20040916	0048	HSP	COMBAT SPT (CORPS) (MC)	FT MEADE	1MD	AR
08955A000	WSB6AA	20040916	0328	HSP	COMBAT SPT (CORPS)	SLT LK CY	5UT	AR
08955A000	WSBYAA	20040916	0256	HSP	COMBAT SPT (CORPS)	BROOKLYN	1OH	AR
08955A000	WSCMAA	20040916	0801	HSP	COMBAT SPT (CORPS)	FT SHERDN	1IL	AR
08955A000	WTLNAA	20040916	0352	HSP	COMBAT SPT (CORPS)	OAKLAND	5CA	AR
08429A000	WBTUAA	20031016	0155	DET	PREVENTIVE MEDICINE	FT BRAGG	1NC	FC
08955A000	WBH3AA	20031016	0010	HSP	COMBAT SPT (CORPS)	FT CARSON	5CO	FC
08955A000	WG4UAA	20031016	0047	HSP	COMBAT SPT (CORPS)	FT LEWIS	5WA	FC
CONVERSIONS =15								

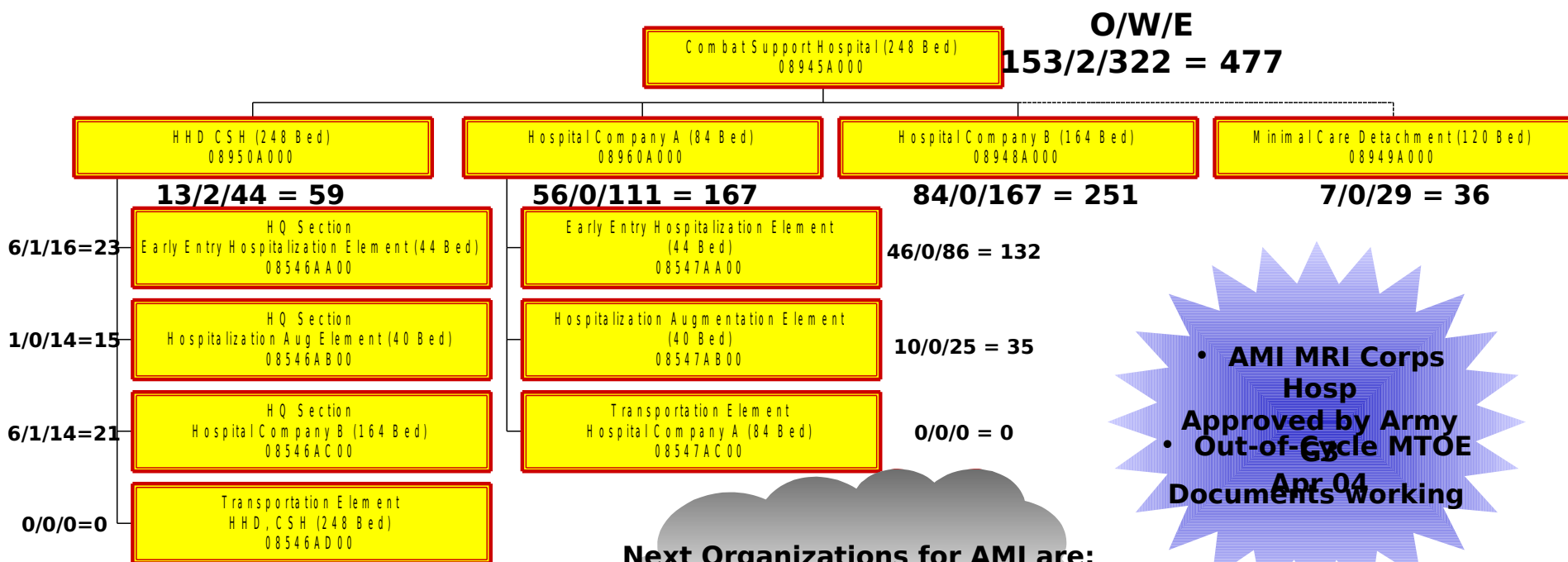


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MRI CSH (Corps)

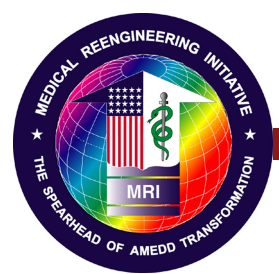
(AMI Organizational Structure)



• **AMI MRI Corps Hosp**
• **Approved by Army**
• **Out-of-Cycle MTOE**
Apr 04
Documents Working

Next Organizations for AMI are:
MEDCOM Theater
Air Ambulance Company

AMI = Adaptive Medical Increments



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Transforming the Medical Force

... to conserve life fighting strength

**Smaller, Modular, Split-based
Capable, Scalable,
Strategically Responsive**

Current

Future

1F2K Hospitals
HQ PAD Supply Admin
Nutrition Clinics ER
Dental Lab X-ray
Pharmacy Surgery
Medical
Intensive Care Units
Intermediate Care Wards
Minimal Care Wards

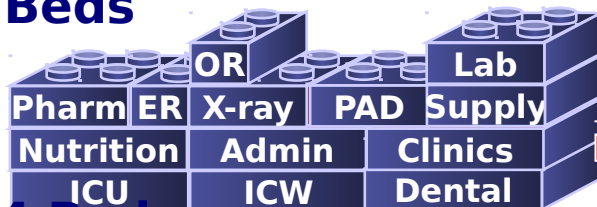
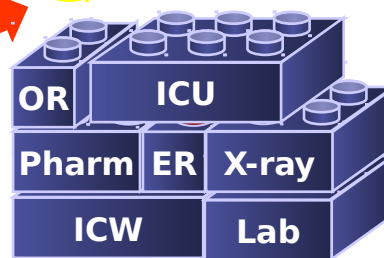


**Future Hospital
Systems**

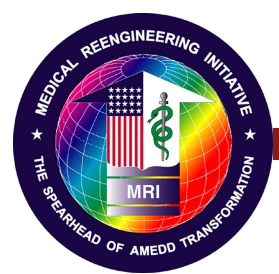
296 Beds

84 Beds

164 Beds



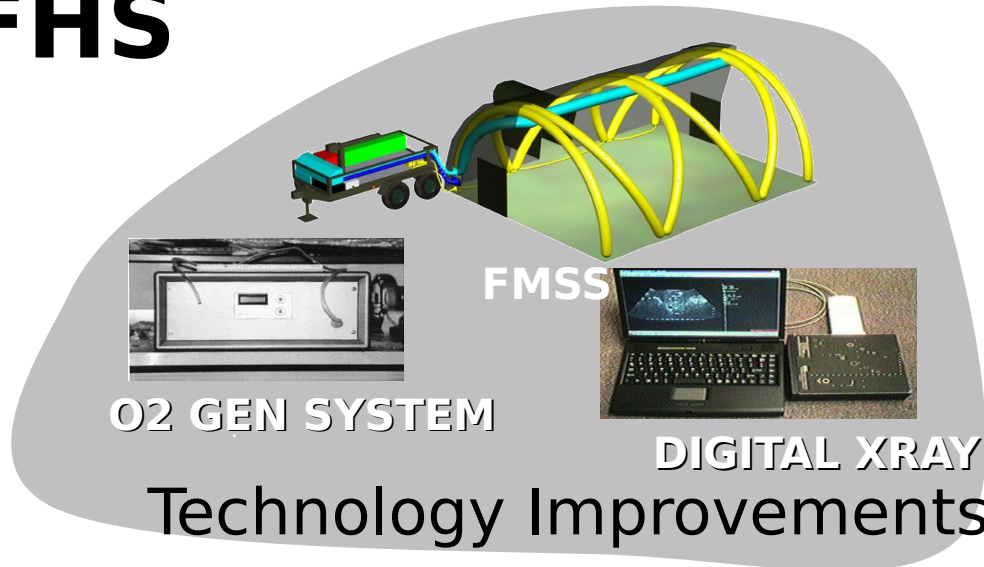
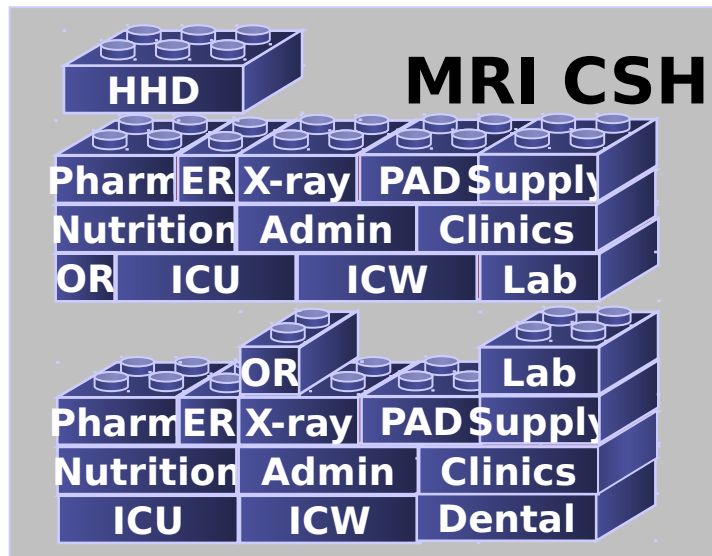
20



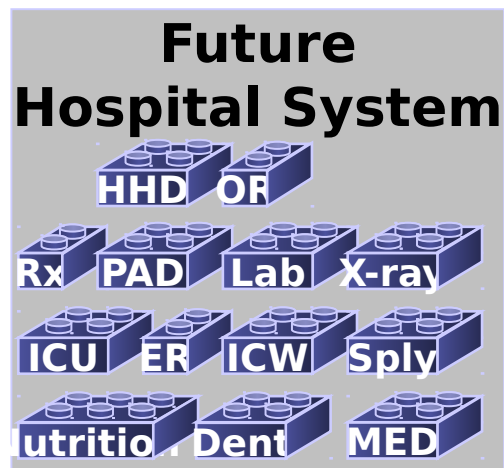
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Transforming MRI to FHS



Equal Medical Capabilities but Tailored as Needed



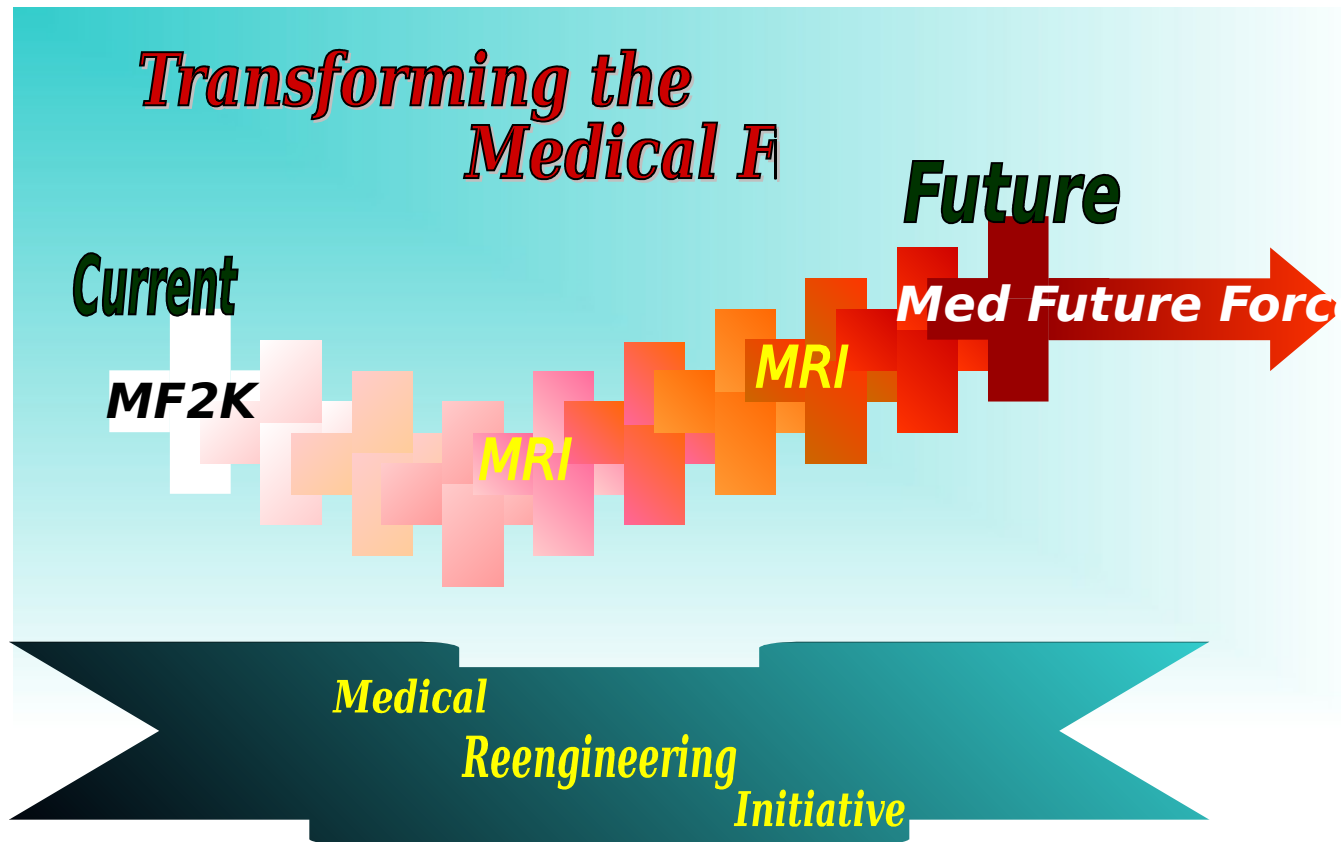
Smaller Footprint

Lighter

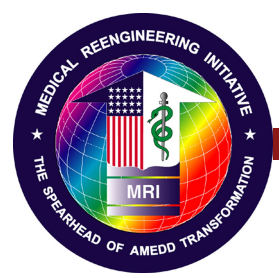


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<http://mrmedforce.belvoir.army.mil>

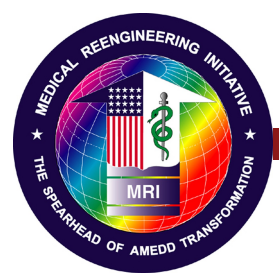


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BACKUP SLIDES



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Hospitals

MRI CAPABILITIES

- ➔ Designs hospital to meet future warfight patient requirements
- ➔ Provides for early entry hospitalization
- ▢ Allows split-based relocation with organic transportation (Corps Hosp)
- ▢ Provides for task organizing hospital, based on mission requirements
- ▢ Addresses Reserve Component stationing and personnel concerns
- ▢ IM/IT equipment and personnel enabled



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Hospitals (Corps)

MF2K

O/W/E 162/2/387 = 551

Combat Support Hospital
08705L000
296 Beds
BOA: 100% Corps Bed Requirement

Hosp Unit Base (CSH)
08736L100
236 Beds
BOA: 1 per CSH

Hosp Unit Surgical
08737L000
60 Beds
BOA: 1 per CSH

**852nd MCD - Sep 03
Vancouver, WA
10th MCD - Oct 03
Ft Bliss, TX**

**21st CSH conv. Oct 02
31st CSH conv. Aug 03
*396th CSH conv. Sep 03**

MRI

O/W/E 153/2/353 = 508

Combat Support Hospital (Corps)
08955A000
248 Beds
75% Corps Bed Requirement

HHD Corps CSH
08956A000
BOA: 1 per Corps CSH

164 Bed Company
08957A000
164 Beds
BOA: 1 per Corps CSH

84 Bed Company
08958A000
84 Beds
BOA: 1 per Corps CSH

O/W/E 7/0/32 = 39

Med Det. Minimal Care
08949A000
120 Beds
25% CZ Beds, 50% COMMZ Beds

44 Bed Slice
TBD
44 Beds
100% Mobile



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Hospitals (EAC)

MF2K

MRI

O/W/E 103/2/303 = 408

O/W/E 210/2/496 = 708

O/W/E 163/2/293 = 458

Field Hospital
08715L000
504 Beds
BOA: 60% COMMZ Bed Requirement

General Hospital
08725L000
476 Beds
BOA: 40% COMMZ Bed Requirement

Combat Support Hospital (EAC), NSB
08855A000
248 Beds
50% COMMZ Bed Requirement

Hosp Unit Base (FLD)
08736L200
224 Beds
BOA: 1 per FLD Hosp

Hosp. Unit Holding
08739L000
280 Beds
BOA: 1 per FLD Hosp

Hosp Unit Base (GH)
08736L300
236 Beds
BOA: 1 per GH

Hosp. Unit Surgical
08737L000
60 Beds
BOA: 1 per GH

Hosp. Unit Medical
08738L000
180 Beds
BOA: 1 per GH

HHD CSH, EAC, NSB
08856A000
BOA: 1 per EAC CSH

164 Bed Company, EAC, NSB
08857A000
164 Beds
BOA: 1 per EAC CSH

84 Bed Company, EAC, NSB
08858A000
84 Beds
BOA: 1 per EAC CSH



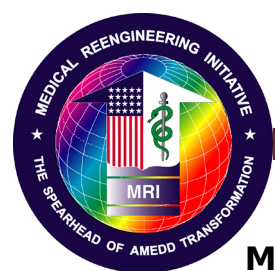
14th CSH conv. Oct 04

756th MCD Activates

Oct 04

Med Det. Minimal Care
08949A000
120 Beds
25% CZ Beds, 50% COMMZ Beds

**O/W/E
7/0/32 =
39 26**



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HOSPITAL PERSONNEL REQUIREMENTS COMPARES *...so we can preserve the fighting strength*

MF2K CSH (Corps) vs MRI CSH (Corps)

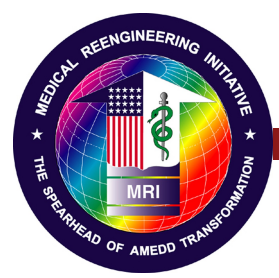
OFFICERS	MF2K	MRI
MEDICAL CORPS		
OG/GYN	1	2
UROLOGIST	1	1
ANESTHESIOLOGIST	2	2
PSYCHIATRIST	1	1
INTERNIST	3	3
FAMILY PHYSICIAN	4	3
GEN SURGEON	7	5
THORACIC SURG	1	1
ORTHO SURG	3	2
DIAG RADIOLOGIST	1	1
EMER PHYSICIAN	4	4
TOTAL MEDICAL CORPS	28	25
DENTAL CORPS	2	2
MED SPECIALIST CORPS	3	3
NURSE CORPS	113	101
MEDICAL SERVICE CORPS	12	15
IMMATERIAL	2	4
SIGNAL	0	1
CHAPLAIN	2	2
OFFICER TOTAL	162	153
WARRANT OFF	2	2
AMEDD ENLISTED	320	264
NONAMEDD ENLISTED	67	89
ENLISTED TOTAL	387	353
HOSPITAL TOTAL	551	508

MF2K Gen Hosp vs MRI CSH (EAC)

OFFICERS	MF2K	MRI
MEDICAL CORPS		
OB/GYN	1	2
UROLOGIST	1	1
ANESTHESIOLOGIST	2	2
OTOLARYNGOLOGIST	1	0
NEUROLOGIST	1	0
PSYCHIATRIST	1	1
INTERNIST	2	3
INFEC DISEASE OFF	1	0
FAMILY PHYSICIAN	4	3
GEN SURGEON	7	5
THORACIC SURG	1	1
ORTHO SURG	5	2
DIAG RADIOLOGIST	1	1
EMER PHYSICIAN	4	4
TOTAL MEDICAL CORPS	32	25
DENTAL CORPS	2	2
MED SPECIALIST CORPS	7	3
NURSE CORPS	146	111
MEDICAL SERVICE CORPS	18	15
IMMATERIAL	3	4
SIGNAL	0	1
CHAPLAIN	2	2
OFFICER TOTAL	210	163
WARRANT OFF	2	2
AMEDD ENLISTED	444	233
NONAMEDD ENLISTED	52	60
ENLISTED TOTAL	496	293
HOSPITAL TOTAL	708	458

MF2K Fld Hosp vs MRI CSH (EAC)

OFFICERS	MF2K	MRI
MEDICAL CORPS		
OB/GYN	1	2
UROLOGIST	0	1
DERMATOLOGIST	1	0
ANESTHESIOLOGIST	1	2
PSYCHIATRIST	1	1
INTERNIST	1	3
FAMILY PHYSICIAN	4	3
GEN SURGEON	2	5
THORACIC SURG	0	1
ORTHO SURG	1	2
DIAG RADIOLOGIST	1	1
EMER PHYSICIAN	2	4
TOTAL MEDICAL CORPS	15	25
DENTAL CORPS	2	2
MED SPECIALIST CORPS	6	3
NURSE CORPS	59	111
MEDICAL SERVICE CORPS	16	15
IMMATERIAL	3	4
SIGNAL	0	1
CHAPLAIN	2	2
OFFICER TOTAL	103	163
WARRANT OFF	2	2
AMEDD ENLISTED	267	233
NONAMEDD ENLISTED	36	60
ENLISTED TOTAL	303	293
HOSPITAL TOTAL	408	458



Soldiers on point for the Nation...



... to conserve the fighting strength

Specialty Teams

MRI CAPABILITIES

- ▢ Combines MF2K Head & Neck Team, Neurosurgery Team and Eye Surgery Team into one team
- ▢ Provides Special Care Team with specialties required for full- spectrum of operations
- ▢ Provides reach-back through Telemedicine Team
- ▢ Retains Forward Surgical Team



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... to conserve the fighting strength

Specialty Teams

MF2K

MRI

**3 - General Surg
1 - Orthopedic Surg**

Med Tm, Forward Surgical
08518LA00
LTC Commanding
BOA: 1 per BDE Supported

O/W/E
10/0/10 = 20

**3 - General Surg
1 - Orthopedic Surg**

Med Tm, Forward Surgical (ABN)
08518LB00
LTC Commanding
BOA: 1 per ABN BDE Supported

O/W/E
10/0/10 = 20

**1 -
Otolaryngologist**

Med Tm, Head & Neck Surg
08527LA00
MAJ Commanding
BOA: 1 per Div in CZ & Corps in COMMZ

O/W/E
4/0/3 = 7

**1 - Neurologist
2 - Neurosurgeons**

Med Tm, Neurosurgery
08527LB00
MAJ Commanding
BOA: 1 per Div and 1 per Gen Hosp

O/W/E
5/0/3 = 8

3 - Ophthalmologists

Med Tm, Eye Surgery
08527LC00
MAJ Commanding
BOA: 1 per Div in CZ & Corps in COMMZ

O/W/E
5/0/2 = 7

O/W/E
10/0/10 = 20

Med Tm, Forward Surgical
08518LA00
LTC Commanding
BOA: 1 per BDE Supported

**3 - General Surg
1 - Orthopedic Surg**

O/W/E
10/0/10 = 20

Med Tm, Forward Surgical (ABN)
08518LB00
LTC Commanding
BOA: 1 per ABN BDE Supported

**3 - General Surg
1 - Orthopedic Surg**

O/W/E
9/0/9 = 1

Hosp Aug Tm, Head & Neck
08527AA00
MAJ Commanding
BOA: 1 per 4 Hospitals in the Corps

**2 - Ophthalmologists
1 - Otolaryngologist
2 - Neurosurgeons**



Soldiers on point for the Nation...

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Specialty Teams

MF2K

1 - Pathologist

Med Tm, Pathology
08537LA00
MAJ Commanding
BOA: 1 per Corps in COMMZ

O/W/E
1/0/4 = 5

1 - Nephrologist

Med Tm, Renal Hemodialysis
08537LB00
MAJ Commanding
BOA: 1 per Theater

O/W/E
2/0/2 = 4

**1 - Infectious
Disease Off**

Med Tm, Infectious Disease
08537LC00
MAJ Commanding
BOA: 1 per Corps

O/W/E
2/0/1 = 3

MRI

2 - Pathologists

Hosp Aug Tm, Pathology
08537AA00
MAJ Commanding
BOA: 1 per Theater

O/W/E
4/0/6 = 10

1 - Nephrologist

Med Tm, Renal Hemodialysis
08537LB00
MAJ Commanding
BOA: 1 per Theater

O/W/E
2/0/2 = 4

**1 - Infectious
Disease Off**

Med Tm, Infectious Disease
08537LC00
MAJ Commanding
BOA: 1 per Corps

O/W/E
2/0/1 = 3

**1 - Prev Medicine
1 - OB/GYN
1 - Pediatrician
2 - Family Physician**

O/W/E
7/0/4 =
11

Hosp Aug Tm, Special Care
08538AA00
MAJ Commanding
BOA: 1 per Theater

O/W/E
1/0/22 = 23

Med Det, Telemedicine
08539AA00
CPT Commanding
BOA: 1 per DFE in Corps, 2 DFE in COMMZ



Soldiers on point for the Nation...

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Command & Control

MRI CAPABILITIES

- ➔ Provides MEDCOM theater early entry module with follow-on functional module
- ▢ Provides 24-hour operations and split-based operations
- ▢ Increases communication personnel and enablers
- ▢ Enhances medical civil military operations and facilitates host nation support interface

MF2K

MRI

O/W/E 72/2/137 = 211

Theater MEDCOM
08611L000
MG Commanding
BOA: 1 per Theater

EAC Medical BDE
08422L200
BG Commanding
BOA: 1 per 3-7 BN units

O/W/E 31/1/54 = 86

O/W/E 34/0/57 = 91

Corps Medical BDE
08422L100
BG Commanding
BOA: 1 per Corps

Medical GRP
08432L000
COL Commanding
BOA: 3-4 per Corps BDE

O/W/E 19/0/45 = 64

O/W/E 63/3/107 = 173

Theater MEDCOM
08611A000
MG Commanding
BOA: 1 per Theater

EAC Medical BDE
08422A200
COL Commanding
BOA: 1 per 3-7 BN units

O/W/E 33/1/62 = 96

O/W/E 60/5/82 = 147

Corps MEDCOM
08411A000
BG Commanding
BOA: 1 per Corps

Corps Medical BDE
08422A100
COL Commanding
BOA: 1 per 3-7 BN units

O/W/E 33/1/63 = 97



Soldiers on point for the Nation...



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Command & Control

MF2K

Theater Medical Command

- 4 - General Officers**
- 1 - Nuclear Medicine Officer**
- 1 - Preventive Medicine Officer**
- 1 - Psychiatrist**
- 1 - Internist**
- 1 - General Surgeon**

Corps Medical Brigade

- 1 - General Officer**
- 1 - Operational Medicine Officer**
- 2 - Preventive Medicine Officers**
- 1 - Psychiatrist**

Theater Medical Brigade

- 1 - General Officer**
- 2 - Preventive Medicine Officers**
- 1 - Psychiatrist**

Theater MEDCOM

- 1 - Preventive Medicine Officer**

MRI

Theater Medical Command

- 3 - General Officers**
- 1 - Preventive Medicine Officer**
- 1 - Psychiatrist**
- 1 - Internist**
- 1 - General Surgeon**

Corps Medical Command

- 1- General Officer**
- 1 - Operational Medicine Officer**
- 1 - Preventive Medicine Officer**
- 1 - Psychiatrist**

Theater Medical Brigade

- 1 - Operational Medicine Officer**
- 1 - Preventive Medicine Officer**

Corps Medical Brigade

- 1 - Operational Medicine Officer**
- 1 - Preventive Medicine Officer**



Soldiers on point for the Nation...



Dental *to conserve the fighting strength*

MRI CAPABILITIES

- ▮ Provides area support dental companies
- ▮ Provides modular teams designed for forward deployment
- ▮ Provides 18 mobile dental teams per company
- ▮ BOA: 1 per 44K PAR= 1 provider per 1,145 PAR

MF2K

O/W/E 21/0/55 = 76

Med Bn, (Dental Svc)
08475L000

HHD, Med Bn (Dental Svc)
08476L000
COL Commanding
BOA: 1 per 3 to 8 Subordinate Dental Units

Med Co (Dental Svcs)
08478L000
LTC Commanding
BOA: 1 per 20,000 Army Troops

Med Tm (Prosthodontics)
08588L000
MAJ Commanding
BOA: As Required

Med Det (Dental Svcs)
08479L000
MAJ Commanding
BOA: 1 per 8,000 Army Troops

O/W/E
3/0/8 = 11

O/W/E
17/0/43 = 60

O/W/E
1/0/4 = 5

O/W/E
7/0/21 = 28

MRI

O/W/E 30/0/61 = 91

Med Co (Dental Svcs)
08478A000
COL Commanding



Soldiers on point for the Nation...



... to conserve the fighting strength

Medical Logistics

MRI CAPABILITIES

- ➔ Provides modular blood unit, separate SRC, more flexible task organization
- ▢ MED LOG Co RCIs 11.1 ST/day. Stores 51 ST. Single and multi vision optical fabrication
- ▢ LOG SUP Co RCIs 24 ST/day. Stores 415 ST. Single and multi vision optical fabrication
- ▢ Provides increased medical maintenance capability. Provides 3 mobile support teams per company
- ▢ Provides enablers for throughput of Class VIII from sustaining base. Builds PRS.
- ▢ BLD SUP Det receive/tranship 1000 units/day. Stores 4,080 units. Collects 432 unit/day manufactures 432 units packed cells/day

MF2K

O/W/E 11/2/31 = 44

Theater Medical Materiel Mgmt Ctr
08897L000
COL Commanding
BOA: 1 per Theater Army

O/W/E 22/5/299 = 326

Med Bn (Logistics, Rear)
08695L000
BOA: 1 per 3 Corps

HHD, Med Bn Log (Rear)
08696L000
LTC Commanding
BOA: 1 per Med Bn, Log (Rear)

Log Spt Co, Med Bn, Log (Rear)
08697L000
CPT Commanding
BOA: 1 per Med Bn, Log (Rear)

Distribution Co, Med Bn, Log (Rear)
08698L000
CPT Commanding
BOA: 1 per Med Bn, Log (Rear)

**O/W/E
7/2/47 = 56**

**O/W/E
10/1/166 = 177**

**O/W/E
5/2/86 = 93**

O/W/E 16/1/217 = 234

Med Bn (Logistics, Forward)
08485L000
BOA: 1 per Corps or 3 DFE

HHD, Med Bn Log (FWD)
08486L000
LTC Commanding
BOA: 1 per Med Bn, Log (FWD)

Log Spt Co, Med Bn, Log (FWD)
08487L000
CPT Commanding
BOA: 1 per Med Bn, Log (FWD)

Distribution Co, Med Bn, Log (FWD)
08488L000
CPT Commanding
BOA: 1 per Med Bn, Log (FWD)

Med Log Spt Det
08909L000
CPT Commanding
BOA: As Required

**O/W/E
6/0/42 = 48**

**O/W/E
7/1/109 = 117**

**O/W/E
3/0/66 = 69**

**O/W/E
1/0/34 = 35**

MRI

O/W/E 14/2/43 = 59

HHD, Med Bn Log
08496A000
LTC Commanding

Log Spt Co, Med Bn Log
08497A000
CPT Commanding
BOA: Work Load

Med Log Co, Med Bn Log
08488A000
CPT Commanding
BOA: Work Load

Blood Spt Det
08489A000
MAJ Commanding
BOA: 1 per 100,000 Trps in Theater

O/W/E 14/3/47 = 64

Medical Logistics Mgmt Ctr
08699A000
COL Commanding
BOA: 1 for The Army

**O/W/E
3/1/98 = 102**

**O/W/E
2/1/77 = 80**

**O/W/E
2/0/28 = 30**
34



Soldiers on point for the Nation...



... to conserve the fighting strength

Preventive Medicine

MRI CAPABILITIES

- ➔ Provides DNBI surveillance and epidemiology.
- ▢ Conduct environmental health assessments, water production/quality, food service sanitation assessments.
- ▢ Provide vector control support, entomology consultation services and conducts health promotion education
- ▢ Increases mobility of PM teams to 100%, with requisite communications, increasing area supported by 33%
- ▢ Utilizes new ME2K medical surveillance system to track occurrence and cause of diseases

ME2K

O/W/E 2/0/8= 10

Med Det. (PM Sanitation)
08498L000
MAJ Commanding
BOA: 1 per 28,000 Trps

O/W/E 2/0/8= 10

Med Det. (PM Entomology)
08499L000
MAJ Commanding
BOA: 1 per 66,000 Trps

MRI

O/W/E 2/0/11= 13

Med Det. (Preventive Med)
08429A000
MAJ Commanding
BOA: 1 per 17,000 Trps

Det HQ

Preventive Med Tms.
X 3



Soldiers on point for the Nation...



Combat Stress Control

MRI CAPABILITIES

- ➔ Provides teams configured with more preventive personnel with ability to support far forward
- Provides early entry prevention capability
- Added one preventive team and one fitness team in CSC Det.
- Provides more prevention and patient holding capability in the forward area
- Removes CSC Company

MF2K

O/W/E 27/0/58 = 85

7 - Psychiatrists

Med Co, Combat Stress Control
08467L000
LTC Commanding
BOA: 1 per 2 Divs Supported

O/W/E 10/0/15 = 25

3 - Psychiatrists

Med Det, Combat Stress Control
08567LA00
MAJ Commanding
BOA: 1 per Div

MRI

O/W/E 16/0/28 = 44

3 - Psychiatrists

Med Det, Combat Stress Control
08567AA00
LTC Commanding
BOA: 1 per Div



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Area Medical Support

MRI CAPABILITIES

- Outpatient services for disease and minor injuries. Initial resuscitation/stabilization/ATLS.
- 72 hr patient holding for up to 40 patients. Treatment squads capable of independent employment
- Mental Health, Preventive Medicine, Optometric services
- Internal ground evacuation assets, 40 ground ambulances
- Provides C2 for 3-7 medical units
- Provides for flexible, independent companies

MF2K

O/W/E 65/1/283= 349

Area Spt Med Bn
08455L000
LTC Commanding
BOA: 014/1000 Trps

1 - Preventive Medicine Off
1 - Psychiatrist
3 - Field Surgeons

HQ & Spt Co
08456L000
MAJ Commanding
BOA: 1 per ASMB

O/W/E
26/1/121= 148

4 - Field Surgeons

Med Co (Area Spt)
08457L000
MAJ Commanding
BOA: 3 per ASMB

O/W/E
13/0/54= 67 X 3 = 201

3 - Family Physicians

MRI

O/W/E 13/1/52= 66

HHD, Area Spt Med Bn
08456A000
LTC Commanding
BOA: 1 per 3-7 ASMC/ASMD

1 - Preventive Medicine
1 - Psychiatrist

Med Co (Area Spt)
08457A000
MAJ Commanding
BOA: 1 per 15000 Non-Div Trps

O/W/E
15/0/65= 80

Med Det, (Area Spt)
08753A000
MAJ Commanding
BOA: Two per Corps

O/W/E
7/0/35= 42

37



Soldiers on point for the Nation...



Veterinary *...to conserve the fighting strength* Support **MRI CAPABILITIES**

- ▮ Supports more food sites
- ▮ Provides rapid, microbial diagnostic testing of food
- ▮ Supports in-theater procurement of fresh produce, eggs, poultry, and red meat
- ▮ Provides real time diagnosis of animal diseases and BW agents of military significance

MF2K

Med Det, (VetSvc HQ)
08409L000
COL Commanding
BOA: 1 per 4-11 Med Det, VetSvc

O/W/E 1/1/3 = 5

Med Det, (VetSvc)
08417L000
LTC Commanding
BOA: 1 per 70,000 Army Trps in CZ

O/W/E
9/1/52 = 62

Med Det, (VetMed)
08418L000
MAJ Commanding
BOA: 1 per 7 MP Co & Mil Patrol Dog Sec

O/W/E
3/0/11 = 14

Med Det, (VetSvc, Small)
08419L000
CPT Commanding
BOA: 1 per 10,000 Trps in CZ

O/W/E
1/0/6 = 7

MRI

**MRI Vet Organizations
underwent separate
FDU in FY03. DA approved.
New TOEs by April 04**



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... to conserve the fighting strength

Evacuation

MRI CAPABILITIES

- Smaller Ground Ambulance Co: (24 ambulances with 2 plts)
- Ground evac - created XO position for split-based operations
- Added FM and data transfer capability to support longer evacuation routes
- Air Ambulances Company aircraft numbers in flux

MF2K

O/W/E 12/6/41 = 59

HHD Evac Bn
08446L000
LTC Commanding
BOA: 1 per 5 to 7 Subordinate Co.

2 - Flight Surgeons

Air Ambulance Co. (UH 60A)
08447L200, 15 Air Ambulances
MAJ Commanding

**O/W/E
10/26/114 = 150**

Ground Ambulance Co.
08449L000, 40 Ambulances
CPT Commanding
BOA: 1 per 3 Bde, 1 per Div, 1 per Corps

**O/W/E
5/0/111 = 116**

MRI

O/W/E 12/6/41 = 59

HHD Evac Bn
08446L000
LTC Commanding
BOA: 1 per 5 to 7 Subordinate Co.

1 - Flight Surgeon

Air Ambulance Co. (UH 60A)
08447L200, 15 Air Ambulances
MAJ Commanding

**O/W/E
10/26/114 =
150**

Ground Ambulance Co.
08449A000, 24 Ambulances
CPT Commanding
BOA: 1 per 3 Bde, 1 per Div, 1 per Corps

**O/W/E
4/0/71 = 75**

39



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Laboratory Support

...to conserve the fighting strength

MRI CAPABILITIES

➔ Analytical, investigative and consultative capabilities to ID NBC and Bio threats.

- ID of occupational and environmental hazards and endemic diseases.
- Modular deployment and employment capability
- BOA: 1 per Corps and 1 and per TA

MF2K

O/W/E 22/0/51= 73

Theater Army Med Lab
08657L000
COL Commanding
BOA: One per Theater

- 1 - Preventive Med Off**
- 1 - Infectious Disease Off**

MRI

O/W/E 19/0/24= 43

Area Med Lab.
08668A000
COL Commanding
BOA: One per Theater

- 1 - Preventive Med Off**
- 1 - Infectious Disease Off**
- 1 - Pathologist**

Command Sec.

Microbiology Sec.

HQs Sec.

Occupational & Environmental
Health Hazards Sec.

Anatomical Path. Sec.

Biochemistry Sec.

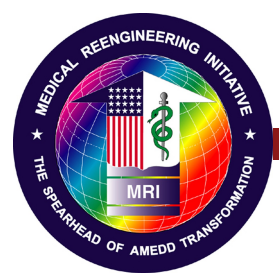
Endemic Disease Sec.

NBC Sec.

Entomology Sec.

Veterinary Lab Sec.

Epidemiology Sec.

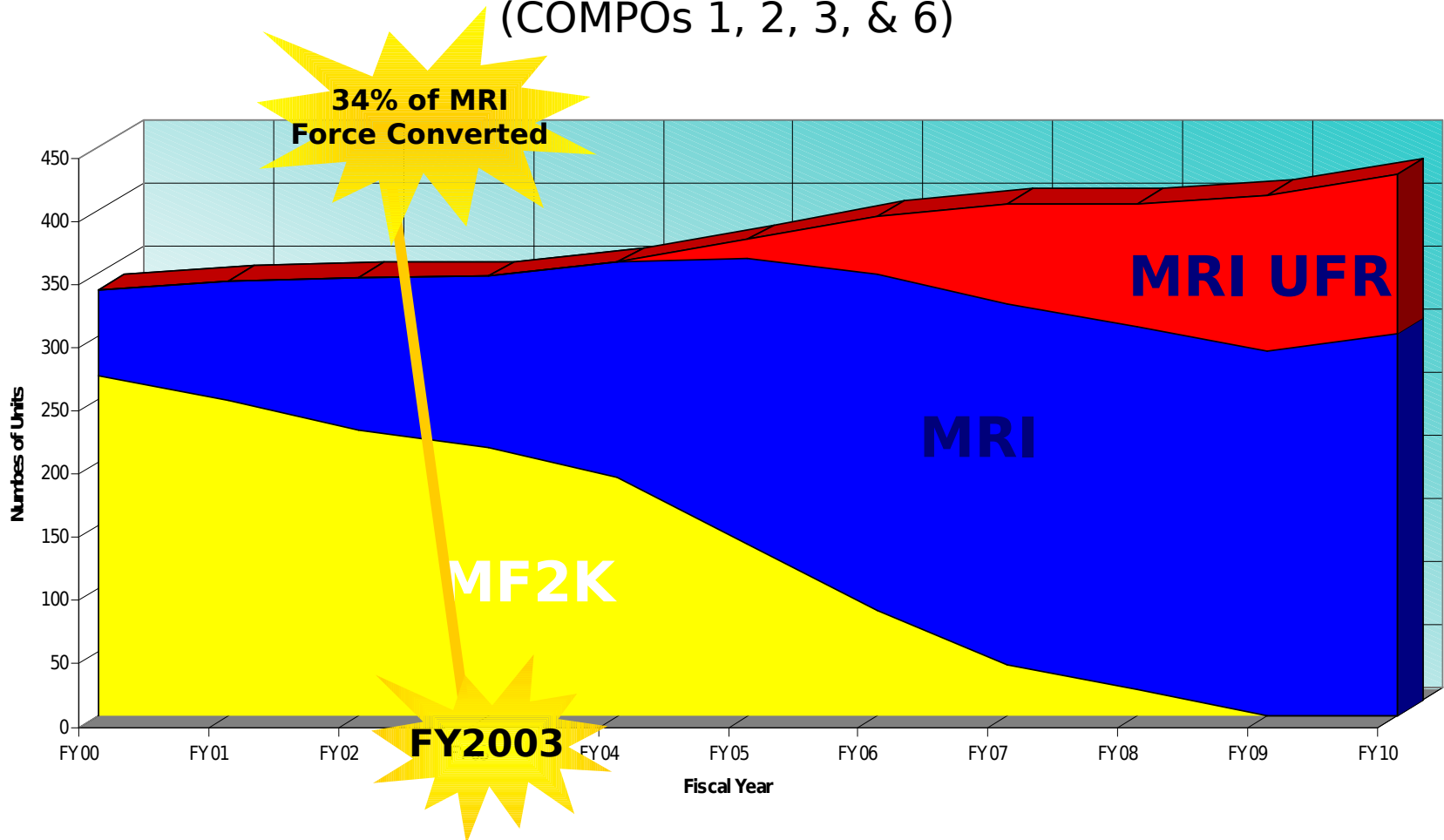


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... to conserve the fighting strength



The MRI and MF2K Mixed Force (COMPOs 1, 2, 3, & 6)





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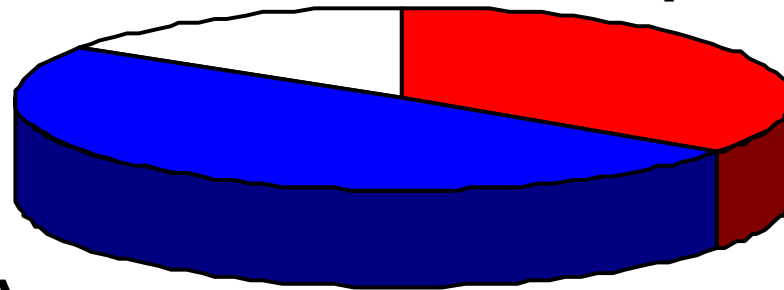


MRI Force Requirements *...to conserve the fighting strength*

Army
National
Guard
15%

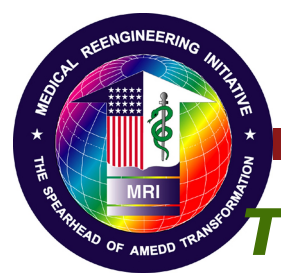
(61)

Active
Compo
(138) 35%



Army
Reserve
(195)
50%

394 Manned Units
TAA09

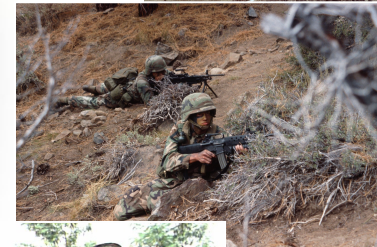


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... to conserve the fighting strength

***The Mission of
Transformation***
Transform ***The Army*** into a force that is strategically
responsive and dominant at every point of the
spectrum of operations





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... to conserve the fighting strength



1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004

FDU

Force Design Update

MRI Redesign

- Split-based operations
- Communications
- Reduced Footprint
- Modular/Tailorable

VCSA Approves

MRI Program

CG TRADOC
Approves Design
Changes

**Total
Army
Analysis**

TAA03

MF2K

TAA05

MRI

TAA07

MRI

TAA09

MRI

TAA11

MRI

**Program
Objective**

Memorandum

POM 00-05

POM 02-07

POM 04-09

Mini POM 01-05 Mini POM 03-07 Mini POM 05-09

70 FDC MRI
Units Resourced

**Conversion
s and
Activations**

26 Units
Completed

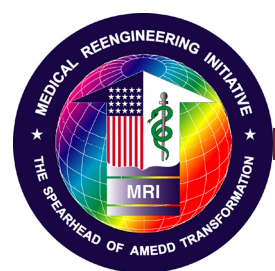
14 Units
Planned

First 9 Units
Completed

26 Units Complete

35 Units
Planned

1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004



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... to conserve the fighting strength

The AMEDD Force Structure

AC to RC Linked

The AMEDD Enterprise

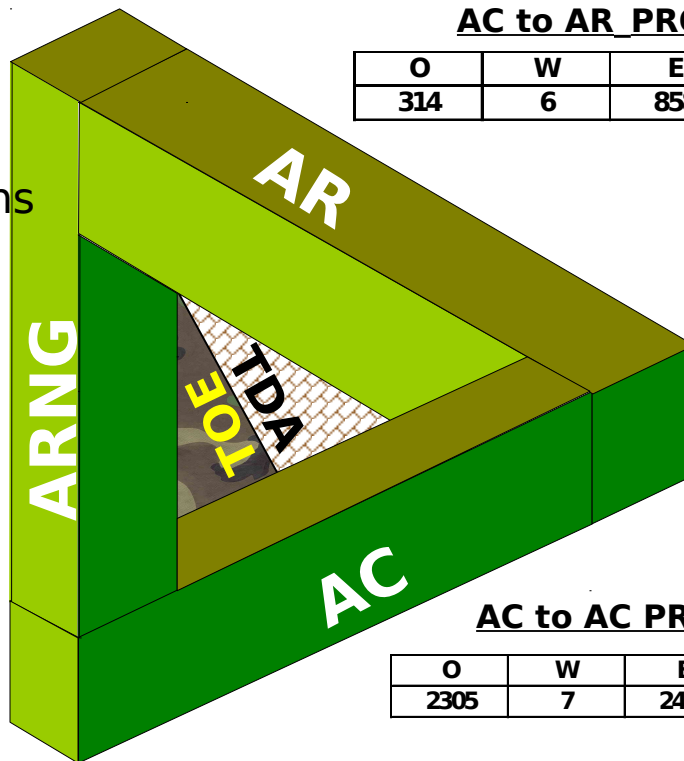
- 11 AR numbered TDA Hospitals, 2449 IMA personnel, backfilling AC TDA Hospitals and research positions
- 22 AC TDA hospitals providing PROFIS to AC and AR TOE units
- ARNG TOE evacuation and area medical support

TOTAL PROFIS

O	W	E	TTL
2305	7	2452	4764
314	6	858	1178
2619	13	3310	5942

AC to AR PROFIS

O	W	E	TTL
314	6	858	1178



AC to AC PROFIS

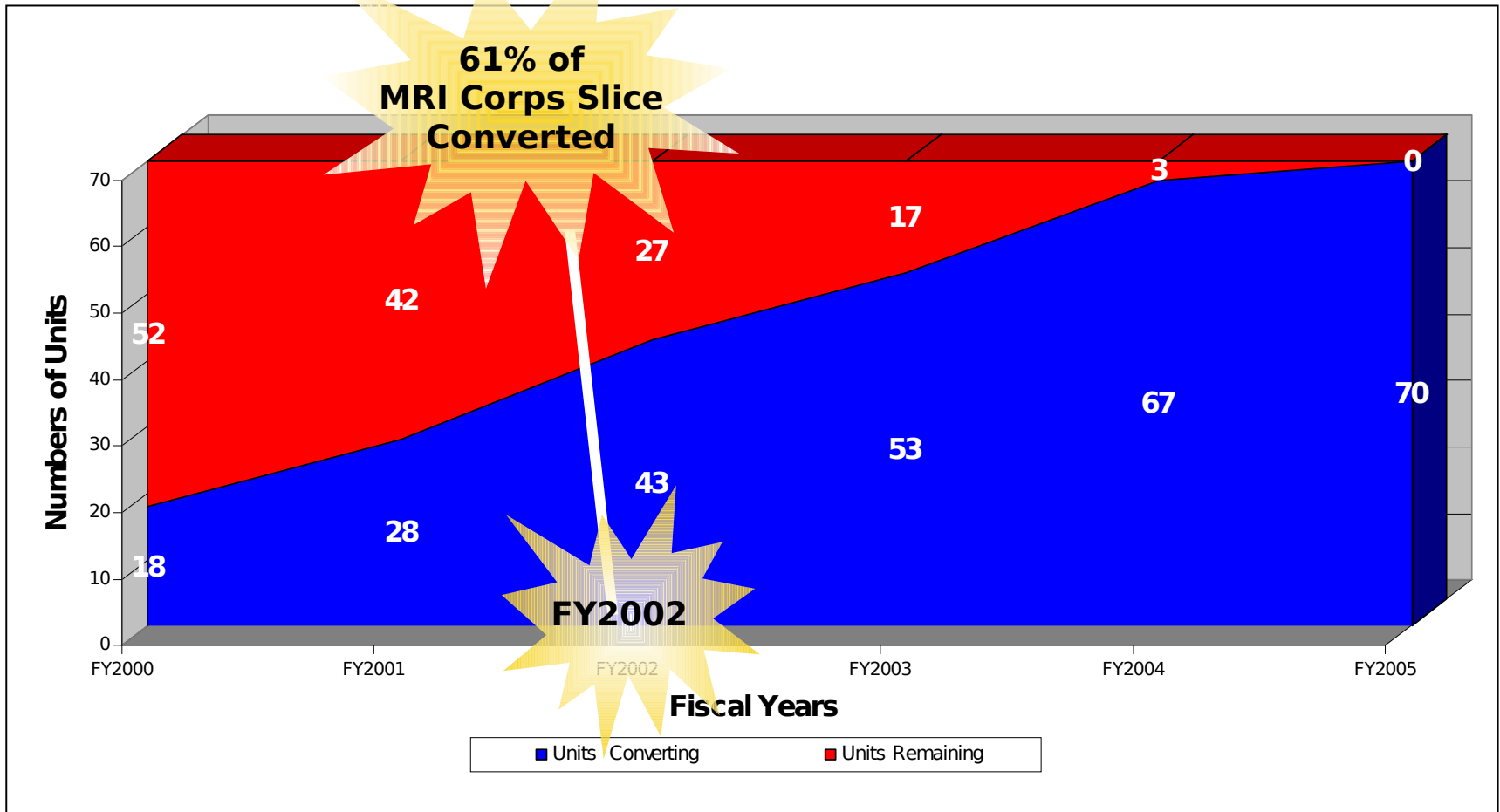
O	W	E	TTL
2305	7	2458	4764

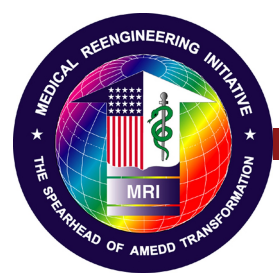


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MRI Corp Slice Conversion Plan



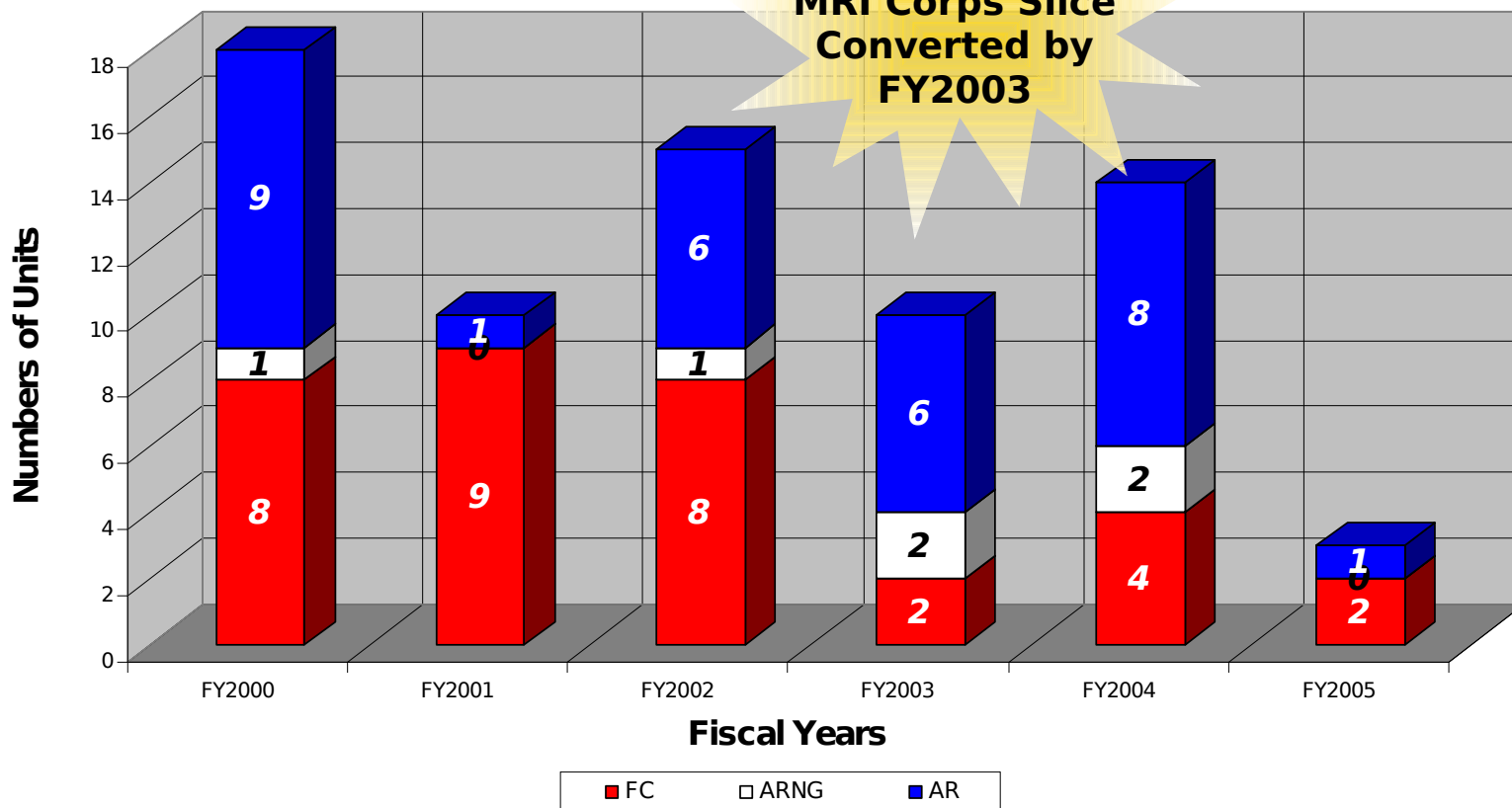


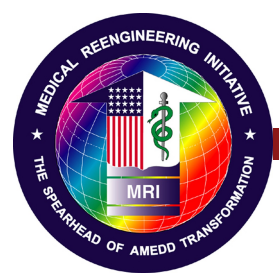
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MRI Corp Slice Conversion Plan

**76% of
MRI Corps Slice
Converted by
FY2003**





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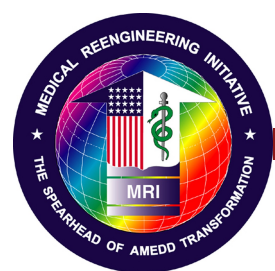
... to conserve the fighting strength

C-E & IM Personnel in MRI Organizations

IM/IT ENABLED

- MRI provides IM/IT personnel infrastructure
- Supports digitization effort
- Organizational chassis for MC4
- MC4 Objective Force System

<u>C-E & IM CF</u>	<u>MF2K</u>	<u>MRI</u>	
25A	C-E Officer	9	82
70D	Bio Med IM Officer	4	117
251A	Info Sys Tech	0	2
74Z50	Info System Chief	0	6
74B20/30	Info System Opr/Maint	29	128
74B10	Info System Opr/Maint	44	22
31U40	Commo Chief	52	69
31U20/30	Team/Section Chief	2	40
31U10	Radio Operator	166	203



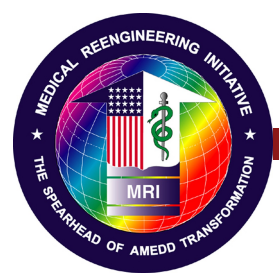
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... to conserve the fighting strength

SYNCHRONIZATION MATRIX AND TIMELINE

SEQ No.	Activity	Lead Agent	Assist	Start Date	End Date	Status	Remarks
1	Initial IPR	MRI	MACOM				EDATE - (36 MONTHS)
2	AR5-10 Package	MACOM					EDATE - (24 MONTHS)
3	Initial Unit Visit—Class VII, VIII	MRI	MACOM/USAMMA				EDATE - (24 MONTHS)
3	Property Book Scrub—Class VII, VIII	MACOM	MRI				EDATE - (24 MONTHS)
3	Identify Excess Equipment	MACOM	MRI/USAMMA				EDATE - (24 MONTHS)
3	TPFD Refinement	MACOM	MEDCOM				EDATE - (24 MONTHS)
4	Go, No Go Decision	MACOM	DAMO-FD				EDATE - (24 MONTHS)
5	Procurement of OMA/OPA Class VIII	USAMMA	DASG-LOZ				EDATE - (18-12 MONTHS)
6	Publish Unit Orders	MACOM	ARSTAF				EDATE - (12 MONTHS)
6	Unit Requisition Equip	Unit/HQ	MACOM				EDATE - (12 MONTHS)
6	DODDAC	Unit/HQ	MACOM				EDATE - (12 MONTHS)
6	Cadre Personnel Assigned	HQ	MACOM				EDATE - (12 MONTHS)
6	PROFIS Assignment	MACOM	MEDCOM				EDATE - (12 MONTHS)
7	Go, No Go Decision	MACOM	DAMO-FD				EDATE - (12 MONTHS)
8	Class VII, VIII Coordination Visit	USAMMA/MACOM	MRI				EDATE - (10-12 MONTHS)
9	Unit Requisition Personnel	Unit/HQ	MACOM				EDATE - (6 MONTHS)
9	Review of Projected Unit EDATE C-Rating	MACOM	MRI				EDATE - (6 MONTHS)
9	Semi-Annual IPR	MRI	MACOM				EVERY 6 MONTHS
10	Shadow USR Completed on Unit Monthly	Unit/HQ	MACOM				EDATE - (4 MONTHS)
10	NOTT	AMEDDC&S	MRI				EDATE + (3-6 MONTHS)
11	USAMMA Fielding Team	USAMMA	MRI				EDATE - (3 MONTHS)
11	Review of Projected Unit EDATE C-Rating	MACOM	MRI				EDATE - (3 MONTHS)
11	C4 in One or More Measured Areas Rpt to MACOM	Unit/HQ	MACOM				EDATE - (3 MONTHS)
12	Other Equipment Fieldings	Fielding CMD/PM	MACOM				AS REQUIRED
13	Review of Projected Unit EDATE C-Rating	MACOM	MRI				EDATE - (1 MONTH)



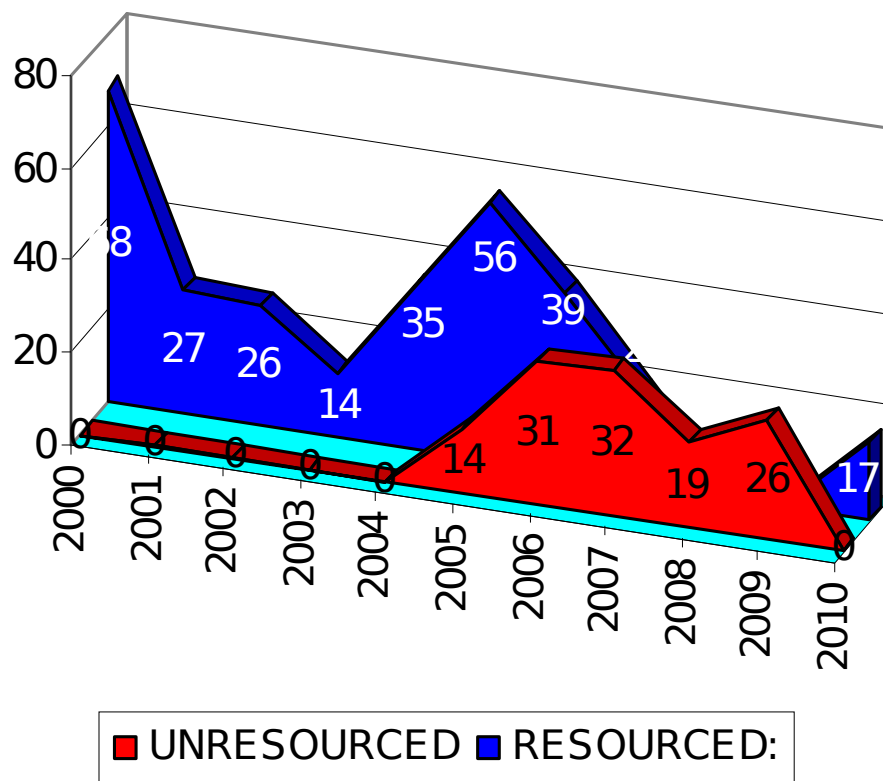
Soldiers on point for the Nation...

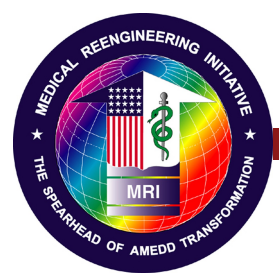


... to conserve the fighting strength

MRI Resourced Units vs Unresourced Units

**Accepts risks in
modernization**



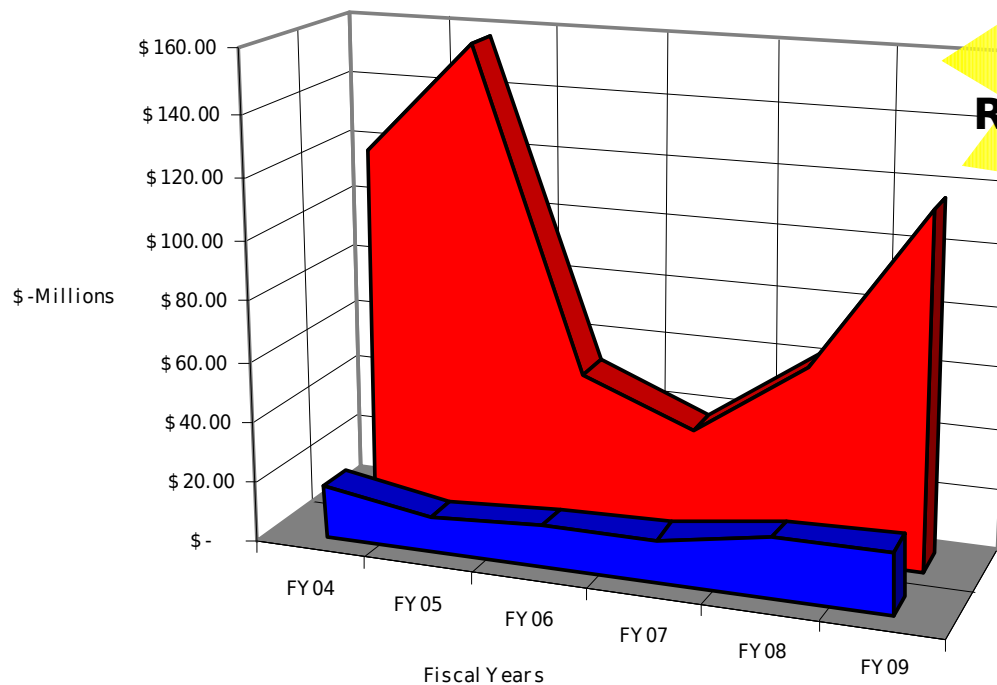


Soldiers on point for the Nation...



Medical Equipment Modernization

...to conserve the fighting strength



**Total Modernization
UFR over POM
\$544.4M
Resourced over POM
\$96.8M (17.8%)**

	FY04	FY05	FY06	FY07	FY08	FY09
■ Funded MODN	\$ 17.42	\$ 11.58	\$ 13.72	\$ 14.17	\$ 19.80	\$ 20.10
■ UFR MODN	\$ 119.73	\$ 156.30	\$ 51.97	\$ 37.86	\$ 62.79	\$ 115.74